

Date: Mon, 14 Feb 94 04:30:17 PST
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V94 #37
To: Ham-Digital

Ham-Digital Digest Mon, 14 Feb 94 Volume 94 : Issue 37

Today's Topics:

219 Committee Report -- your comments
 30 meter "Band Plan"
 Digital radio ?
 How to get started
 MFJ 1278B vs Kantronics KAM+
 Need info on PI card
 Packet BBS run off of a SUN?
PE1CHL: where to get current version?
 Squelch ON or OFF?
 Yaesu FT-470 RX Range?

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>
Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 14 Feb 94 03:57:49 GMT
From: news-mail-gateway@ucsd.edu
Subject: 219 Committee Report -- your comments
To: ham-digital@ucsd.edu

----- Forwarded message begins here -----
From: MAILER-DAEMON@maroon.tc.umn.edu <MAILER-DAEMON@maroon.tc.umn.edu>
Sun, 13 Feb 94 21:25:05 -0600
To: <tao@maroon.tc.umn.edu>
cc: Postmaster@maroon.tc.umn.edu
Subject: Undeliverable mail

Your message was not delivered to the following recipients:

ham-policy@uscd.edu: No such host: uscd.edu

----- Your original message -----

To: WA6WIF

I am prepared to respond to any specific comments you may have on the 219 Committee report.

I do not wish to address your personal attack on Jim Fortney other than to assure that I prepared the drafts of the reports based upon the discussion conducted by the Committee Jan 7-9 in Cleveland. Jim did critique the draft, as did all members of the Committee.

The Band Plan and other remarks represent the collect thought of our Committee at that point in time. Based upon further data, particularly investigations underway to assure that the technical objectives are appropriate, it may be that there will be some changes the will be incorporated into the final report.

You, or any other reader, are welcome to provide input into this process.

Tod Olson, K0T0
Chairman, 219 Committee
Director, Dakota Division

Date: Sun, 13 Feb 1994 14:11:07 +0000
From: agate!howland.reston.ans.net!pipex!demon!dis.demon.co.uk!imcldn.demon.co.uk!
mike@network.ucsd.edu
Subject: 30 meter "Band Plan"
To: ham-digital@ucsd.edu

In article <2jjq73\$3o@crcnis1.unl.edu>
djw@unlinfo.unl.edu "daniel wright" writes:

> I have a question.....
> 10Mhz/30 meters. What is the cw portion? What is the packet portion?
> Are Amtor and Pactor and RTTY only acceptable on certian portions of

The allocation in the UK (at least) is

10.100 - 10.140	CW
10.140 - 10.150	Digimodes

However there is a side note that unattended digimodes should not be used on

this band

73s Mike G70BS

--

Michael P Simkins | Programming in COBOL, C, and PASCAL undertaken, Please
G70BS Software | E-Mail 'software@imcldn.demon.co.uk' to discuss your needs

X400 : /RFC-822=mike(a)imcldn.demon.co.uk/0=mhs-relay/PRMD=uk.ac/ADMD= /C=GB/

Date: Fri, 11 Feb 1994 10:49:22 -0500
From: agate!howland.reston.ans.net!cs.utexas.edu!asuvax!pitstop.mcd.mot.com!
mcdphx!schbbs!mothost!lmpsbbs!NewsWatcher!user@ames.arpa
Subject: Digital radio ?
To: ham-digital@ucsd.edu

In article <CKywtY.H4u@kaiwan.com>, jlin@kaiwan.com (Johnny Lin) wrote:

>
> I am a newbie in amature radio, but like to know if there is rig that can
> do following functions and features.

>
> 1. Digital selective calling.

Many portables from offshore do include a digital signalling feature,
though the number of characters is limited. FYI, many repeaters will not
pass the digital
signalling information due to distortion in the audio path or muting in the
controller unit.

> 2. Signal encryption, so only A and B can chat, no one else can listen to.

Amateur frequencies and bands are strictly shared, with no provisions for
either
message or conversational privacy. The FCC Rules prohibit codes and
ciphers, and also require that ID be done in either voice or Morse Intl#1.
If you need privacy, moe to a common carrier or commercial system where
such technology is both available and legal (it's not legal in CB/GMRS
either!).

> 3. A automatic TNC that can manage voice/data/fax switching, when connected
> with PC, can handle voice mail, e-mail and fax transmission and reception.

TNCs are inherently and by definition digital devices, with no voice
capability.

The ones I've seen on the market today do not offer automatic mode detection and switching from packet to RTTY, Morse, AMTOR, or FAX modes.

> 4. If operator is away, can configure to away mode, let radio take call
> (by selcal call sign) and work like a phone answering machine, RBBS or
> fax machine. When operator is near by, then configure to active mode,
> so radio will ring like a phone, for operator to pick up the call.

There are several simple interconnects from various suppliers, most of whom advertise in all the major ham magazines, to allow communications through a

local radio to a portable or mobile. All communications come under third-party rules, since the caller is assumed NOT to be a licensed amateur.

>
> May be I am dreaming, but with recent electronic and digital technology
> evolution, I believe above feature can be integrated into one total radio
> system. I know that marine radio will adopt digital selective calling
> technology for safety purpose, and I hope I can see this kind of feature
> in Ham rig.

The international Maritime service is considerably different from ham radio, both in usage and regulatory structure. Actually it sounds like you are trying to operate your amateur station like a smart multi-mode cordless phone for personal and possibly business use. Even with the recent rules changes, business use is prohibited. I hope I'm reading far too much into your comments.

>
> +-----+
> |Johnny C. Lin P.O.Box 536 Tel:310-9263682 |
> | Artesia, CA 90702 Fax:310-9269526 |
> | U.S.A. |

--
Karl Beckman, P.E. < STUPIDITY is an elemental force for which >
Motorola Comm - Fixed Data < no earthquake is a match. -- Karl Kraus >

The opinions expressed above aren't even claimed by the author!
Amateur radio WA8NVW @ K8MR.NEOH.USA.NA NavyMARS VBH @ NOGBN.NOASI

Date: 12 Feb 94 00:22:59 GMT
From: sgiblab!twg.com!eco.twg.com!psinntp!commpost!meister!rspicher@ames.arpa

Subject: How to get started
To: ham-digital@ucsd.edu

Hi;

I would like to get started in packet radio, more specifically, access to the Internet through a Sun Sparcstation. I am an experienced system administrator, however, I have very little experience on the radio side. Can someone point me in the right direction? I'm looking for white-papers, howto's, FAQ's and any other material that can help me to get started. This will be strictly for my personal use at home.

I definitely need full service TCP/IP so that I can pull news and ftp files, run Mosaice, etc.

Thanks,

Roger Spicher
rspicher@ml.com

Date: Fri, 11 Feb 1994 20:35:28 GMT
From: netcon!bongo!netcomsv!netcom.com!slay@locus.ucla.edu
Subject: MFJ 1278B vs Kantronics KAM+
To: ham-digital@ucsd.edu

Scott Barnett (srbarnet@nyx.cs.du.edu) wrote:

: Hi All,
: I am looking at getting a TNC to do packet with, but I thought maybe to get
: a multimode because I might want to get into other digital modes in the
: future. I have looked at the MFJ 1278B and like what I see. Also, a friend
: suggested the Kantronics KAM. Which do you think would be better. This is
: to use with a Realistic HTX-202 2 meter FM HT. Or is there another one
: you like better?

Whoa - looks like we have a major problem here.

First, if you plan to use ONLY your 2M FM HT, you are wasting a lot of time and MONEY looking at a Multi-Mode Controller. You will NOT be able to use the wide range of features in the MMC with just your HT. Virtually ANY 1200bps TNC (TNC-2 type) will be all that you need.

The MMCs like KAM and MFJ-1278 etc rally shine on the HF bands. I have and use BOTH the KAM and MFJ-1278T as well as a pocket TNC for portable use. If you want to do the SSTV and FAX modes, the MFJ-1278 is the way to go.

I personally prefer the KAM these days because I want and need the dual port capability. I want to be connected to the DX PacketCluster on VHF at the same time that I am on CW, FSK, etc on HF. The MFJ-1278 does not have the dual-port function. I frankly have a quite a bit more invested in my MFJ-1278T (w/extra ram and 9600bps modem, host mode s/w, etc) but for ANYONE interested in DXing and using PacketCluster - the KAM is the ONLY way to go - IMHO.

Warmest 73 de Sandy WA6BXH/7J1ABV slay@netcom.com

Date: Fri, 11 Feb 94 12:26:09 MST
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!europa.eng.gtefsd.com!news.umbc.edu!eff!news.kei.com!news.byu.edu!news@network.ucsd.edu
Subject: Need info on PI card
To: ham-digital@ucsd.edu

I've been reading this group for some time and remember reading several posts a while back concerning the PI card that supports 56k baud async AND a 9600 baud capable port.

This card is just what we need for our packet gateway! We will use the 56k baud async port to connect us to the Internet feed while we hope to use the 9600 baud port for a 9600 baud packet port. Obviously we will be running NOS as the software for the gateway.

Therefore, I would like to know if the PI card will do this?
I would appreciate receiving any information relative to the PI card.

Thanks!

73 de N7SHV !

Kris Nosack
Brigham Young University, Provo, Utah, U.S.A.
kris_nosack@byu.edu

>>>---> Be strange, but not a stranger! <---<<<

Date: Sun, 13 Feb 1994 17:45:18 GMT
From: agate!howland.reston.ans.net!pipex!sunic!psinntp!psinntp!hk.super.net!uxmail!uxmail.ust.hk!ee_hflo@network.ucsd.edu
Subject: Packet BBS run off of a SUN?
To: ham-digital@ucsd.edu

Karl J. Vesterling (kjbv@exuco1.exucom.com) wrote:
: In article <CKvDE3.M5v@acsu.buffalo.edu> v125pemm@ubvms.cc.buffalo.edu (TIMOTHY
H. O'HARA) writes:
: >Hello,

: Greetings...

: >
: >I was wondering if anyone out there has ever run a packet BBS of of a
: >UNIX box like a SUN.

: Sun, no... SGI, yes, probably next week...

: HOWEVER!

: FTP to:
: ucsd.edu

: /pub/hamradio/packet/tcpip/wampes

: You will find what you require in that directory...

: >
: >Most of my experience is with DOS based machines as well as VMS and UNIX
: >mainframes.

: I've had nothing but bad experience with DOS machines.
: >
: >Is it possible to set up a SUN in a stand alone config.

: FTP to ucsd.edu and be enlightened...

Are there any BBS programs for Linux ?

Michael Lo

Date: Sun, 13 Feb 94 14:02:15 MEZ
From: agate!doc.ic.ac.uk!uknet!EU.net!Germany.EU.net!netmbx.de!zrz.TU-Berlin.DE!
zib-berlin.de!uni-paderborn.de!urmel.informatik.rwth-aachen.de!news.rhrz.uni-
bonn.de!ibm.rhrz.uni-bonn.de!UPP200@
Subject: PE1CHL: where to get current version?
To: ham-digital@ucsd.edu

Greetings,

I'm trying to find the latest version of PE1CHL's net program for MSDOS.
All I found up to now was a tar-file named pe1chl-930411.tar which contained
a zipped file NET.ZIP. Unfortunately this file seems to be corrupted.
Are there any other files available? Or am I just too stupid to unzip the
thing?

Thanks
Guido (df2kw)

e-mail: Kueppers@uni-bonn.de

Date: 8 Feb 1994 23:22:05 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!cs.utexas.edu!swrinde!
sgiblab!sgigate.sgi.com!olivea!korie!newscast.West.Sun.COM!abyss.West.Sun.COM!
pongo!myers@network.ucsd.edu
Subject: Squelch ON or OFF?
To: ham-digital@ucsd.edu

In article <1994Feb8.201655.20182@VFL.Paramax.COM> rossi@VFL.Paramax.COM (Pete
Rossi) writes:
>When operating 2 meter packet should I have the receiver squelch ON or OFF?
>
>Most sources indicate that the squelch can/should be turned off, however, I
>find that when I do this the background noise causes the DCD light to flash.
>This confuses the TNC making it think that the channel is busy when it is not.
>
>I am using the MJF-1270C

Running open squelch is optimum as long as your TNC/modem has a DCD
circuit that senses the presence of data rather than the presence of
any audio at all. Doesn't the MFJ-1270C have State Machine DCD?
If not, last I checked the State Machine DCD kit is \$17 from TAPR,
worth every penny.

--

* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are
*
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer
*
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 14 Feb 1994 00:07:33 GMT

From: swrinde!cs.utexas.edu!howland.reston.ans.net!usenet.ins.cwru.edu!
cleveland.Freenet.Edu!da884@network.ucsd.edu
Subject: Yaesu FT-470 RX Range?
To: ham-digital@ucsd.edu

I've gotten the radio to go as far as 0 mhz to 1.5 Ghz mind you it doesn't
recv on all that range but it does for a good part in the 2M and 70 cm areas.

--

```
-----  
|      David      AmperNet - ve3tos@ve3tos.ampr.org      www      |  
|      VE3TOS      Internet - da884@cleveland.freenet.edu      (o o)      |  
|----- Packet - ve3tos@va3bbs.#scon.on.can.noam__o00__(_)__00o_|
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End of Ham-Digital Digest V94 #37
